



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

JUN 18 2015

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Enrique Castro
Project Coordinator
Tierra Solutions, Inc.
Two Tower Center Boulevard, 10th Floor
East Brunswick, New Jersey 08816

Re: Diamond Alkali Superfund Site, Lower Passaic River Study Area
Administrative Order on Consent, Index No. CERCLA 02-2011-2016
Bill for Collection No. 2721526S0020

Dear Mr. Castro:

The United States Environmental Protection Agency ("EPA") is charged with responding to the release or threatened release of hazardous substances into the environment and with enforcement responsibilities under the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), as amended, 42 U.S.C. Section 9601 *et seq.* EPA has documented the release or threat of release of hazardous substances into the Lower Passaic River Study Area portion of the Diamond Alkali Superfund Site. In response to the release or threatened release of hazardous substances, EPA has spent, and will continue to spend, public funds on actions to investigate and control such releases and threatened releases at the site pursuant to Section 104 of CERCLA.

On October 4, 2011, EPA entered into an Administrative Order on Consent ("Order"), Index No. CERCLA 02-2011-2016, with Occidental Chemical Corporation ("OCC") for the performance of the Combined Sewer Overflow/Storm Water Outfall ("CSO-SWO") Investigation. Pursuant to Paragraph 91(a) of this Order, OCC agreed to reimburse EPA for all Future Response Costs, as defined in the Order, incurred by EPA in connection with the CSO-SWO Investigation.

This Bill for Collection No. 2721526S0020 covers the period from September 1, 2013 through August 31, 2014.

Enclosure A is a narrative statement describing EPA's oversight and response costs. Enclosure B consists of two itemized cost summaries, referred to as Superfund Cost Recovery Package Imaging and On-Line System ("SCORPIOS") reports for the Diamond Alkali Site, site identification number 02-96, Operable Unit ("OU") 00 and OU02 CSO-SWO. For the purposes

of the SCORPIO\$ reports, OU02 CSO-SWO represents the CSO-SWO Investigation.

Some personnel charged their time to OU00 to represent time spent equally on all OUs. Therefore, the OU00 costs have been apportioned among OU01, OU02 (Occidental Chemical Corporation ["OCC"]/Tierra Solutions, Inc. ["TSI"] Removal and OCC/TSI Combined Sewer Overflow/Storm Water Outfall ["CSO/SWO"] Sampling), OU03 (CPG-lead RI/FS, CPG-lead Removal, and EPA-lead work) and OU04, as described in the enclosure. While all OU00 charges are included in the SCORPIO\$ report for OU00 that appears in Enclosure B, this Bill for Collection includes only those costs that EPA has apportioned to the CSO-SWO Investigation.

EPA certifies that as of August 31, 2014, it has expended at least \$22,925.66 in oversight and response costs relating to the CSO-SWO Investigation.

As per Section XVIII 91.a. of the Order, payment shall be made within thirty (30) days of receipt of this letter via electronic funds transfer ("EFT"). To make this payment, you should instruct your bank to remit payment in the required amount to EPA via EFT accompanied by the following information:

Amount of payment: **\$ 22,925.66**
EFT to be directed to: **Federal Reserve Bank of New York**
Bank routing number: **021030004**
Bank account number receiving payment: **68010727**
SWIFT address: **FRNYUS33**
Address: **Federal Reserve Bank of New York**
33 Liberty Street
New York, NY 10045
Field tag 4200 of Fedwire message to read (for Fedwire payments):
D 68010727 Environmental Protection Agency
Name of remitter: **Occidental Chemical Corporation**
Case number: **CERCLA 02-2011-2016**
Site name: **Diamond Alkali**
Site/spill identifier: **02-96**

To ensure that your payment is properly recorded, you should send either an email or a letter contemporaneously with the EFT, which references the date of the EFT, the payment amount, the name of the Site, the case number, and your name and address to:

Alice Yeh, Remedial Project Manager
Special Projects Branch
Emergency & Remedial Response Division
U.S. Environmental Protection Agency, Region 2
290 Broadway, 19th floor
New York, New York 10007-1866
email: yeh.alice@epa.gov

and

Frances Zizila, Assistant Regional Counsel
Office of Regional Counsel
U.S. Environmental Protection Agency, Region 2
290 Broadway, 17th floor
New York, New York 10007-1866
email: zizila.frances@epa.gov

and

Elizabeth Kellum
U.S. Environmental Protection Agency
26 West Martin Luther King Drive
Attention: FINANCE
MS: NWD2
Cincinnati, Ohio 45268
emails: kellum.elizabeth@epa.gov and cinwd_acctsreceivable@epa.gov

The United States reserves its rights to recover any costs paid during the time period covered by this accounting but not included in this billing, and all other oversight and response costs incurred pursuant to the Administrative Order on Consent.

EPA reaffirms its commitment to conduct appropriate and cost-effective oversight of work performed by consenting parties while ensuring protective cleanups. To this end, EPA would once again like to offer to discuss with you its plans for the oversight of ongoing work at the Site, and to provide you with the opportunity to suggest ways to effectively streamline the work and its oversight.

If you have any questions regarding this matter, please contact Alice Yeh at (212) 637-4427. Legal inquiries should be directed to Frances Zizila at (212) 637-3135. Thank you for your prompt attention to this matter.

Sincerely yours,



Michael Sivak, Acting Branch Chief
Special Projects Branch
Emergency & Remedial Response Division

Enclosures

cc: Carol Dinkins, Esq.



United States
ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

BILL FOR COLLECTION	BILL NO. 2721526S0020
BUREAU/OFFICE FOR REMITTANCE PAYABLE USEPA - REGION II SUPERFUND PAYMENTS - CINCINNATI FINANCE CENTER	DATE JUN 18 2015
ADDRESS FOR MAILING PAYMENT P.O. BOX 979076, ST. LOUIS, MO 63197-9000	AMOUNT OF PAYMENT

PAYER

Mr. Paul Brzozowski
Remediation Manager
Tierra Solutions, Inc.
Two Tower Center Boulevard, 10th Floor
East Brunswick, New Jersey 08816

Re: Diamond Alkali Superfund Site;
Lower Passaic River Study Area, OU02 CSO-SWO;
Administrative Order on Consent, Index No. CERCLA 02-2011-2016;

DATE	DESCRIPTION	QUANTITY	UNIT PRICE	
			COST	PER
	Monies due the Hazardous Substance Trust Fund (Treasury) for cleanup of hazardous waste spills on sites. Site ID# 02-96 Payment due within 30 days of the receipt of this bill. If payment is not received by this date, a daily interest charge of 0.0021% (0.75% per annum) will be assessed from the first day after the payment is overdue through the date of payment.		\$ 22,925.	66

IMPORTANT: A receipt will be issued for all cash remittances and for all other remittances when required by applicable procedures.
Failure to receive a receipt for cash payment should be promptly reported to the bureau or office shown above.

AMOUNT DUE \$ 22,925. 66

ENCLOSURE A

Summary of Costs Paid by EPA

09/01/13 through 08/31/14

Diamond Alkali Superfund Site, Newark, New Jersey

Operable Unit Two – Combined Sewer Overflow/Stormwater Outfall (CSO-SWO) Investigation

Site ID: 02-96

COSTS FOR OU02 CSO-SWO FROM OU02 & OU03 SCORPIO\$ REPORTS

Payroll from OU02 CSO-SWO SCORPIO\$ Report:

These costs consist of direct EPA personnel charges for time spent by EPA employees in overseeing work performed under the Administrative Order on Consent, Index No. CERCLA-02-2011-2016 ("AOC"), including review of technical submissions, meetings and/or conferring with OCC representatives, internal meetings and conferences concerning the CSO-SWO Investigation, community relations/outreach and coordination with Partner Agencies. See enclosed Payroll Section 3 of EPA's Itemized Cost Summary.

\$ 2,348.81

Interagency Agreement (IAG) for OU02 CSO-SWO (from IAG in 17 Mile SCORPIO\$ Report):

These costs consist of technical support by the U.S. Army Corps of Engineers, Kansas City, for oversight of work performed under this AOC. Some of the costs included in IAG DW96942125 for the voucher numbers listed in Enclosure C are related to oversight of the CSO-SWO Investigation.

\$ 12,739.00

Indirect Costs for OU02 CSO-SWO from OU02 & OU03 SCORPIO\$ Reports:

Indirect costs are those costs which are necessary to the operation of the Superfund program and the support of site cleanup efforts, but which cannot be tied directly to the efforts at any one site. Indirect costs are allocated to particular Superfund sites by means of a methodology established by EPA Headquarters.

for Payroll (\$901.25) + for IAG (\$12,739.00*38.37%)

\$ 5,789.20

Total Direct and Indirect Costs for OU02 CSO-SWO from OU02 & OU03 SCORPIO\$ Reports:

\$ 20,877.01

COSTS FROM OU00 SCORPIO\$ REPORT

Payroll and associated Indirect Costs from OU00 SCORPIO\$ Report:

The OU 00 SCORPIO\$ report includes payroll and associated indirect costs for OU01, OU02 (OCC/Tierra Solutions, Inc. [TSI] Removal and CSO-SWO Investigation), OU03 (EPA lead activities, Cooperating Parties Group [CPG]-lead Removal and CPG-lead RI/FS) and OU04. Therefore, these costs were divided evenly among the seven components.

[$\$10,003.60$ payroll + $\$3,838.37$ associated indirect] divided by 7 \$ 1,977.42

Other Expenditures and associated Indirect Costs from OU00 SCORPIO\$ Report:

These costs consist of charges for contractor support for file storage and maintenance by Ensofttek for OU01, OU02 (OCC/TSI Removal and CSO-SWO Investigation), OU03 (EPA lead activities, CPG-lead Removal and CPG-lead RI/FS) and OU04. Therefore, these costs were divided evenly among the seven components.

[$\$360.36$ + $\$138.27$ associated indirect] divided by 7 \$ 71.23

OU00 costs not associated with this bill:

“Systems Research & Applications Corp” charges for contractor support for Community Advisory Group (CAG) facilitation, “SKEO Solutions, Inc.” charges for CAG technical support and “State Cooperative Agreement” costs for oversight and support provided by the New Jersey Department of Environmental Protection under a cooperative agreement with EPA were not related to work performed under this AOC.

Total Direct and Indirect Costs from OU00 SCORPIO\$ Report apportioned to OU02 CSO-SWO:
\$ 2,048.65

OU02 CSO-SWO Bill for Collection Amount \$ 22,925.66

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Table of Contents

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

NARRATIVE COST SUMMARY	Section 1
ITEMIZED COST SUMMARY	Section 2
REGIONAL PAYROLL COSTS	Section 3
OTHER EXPENDITURES (OTH)	
ENSOFTEK (EPS21101)	Section 4
SYSTEMS RESEARCH & APPLICATIONS CORP (EPW09011)	Section 5
SKEO SOLUTIONS, INC. (EPW13015)	Section 6
SKEO SOLUTIONS, INC. (GSF0309N)	Section 7
STATE COOPERATIVE AGREEMENT (SCA)	
NEW JERSEY DEPT. OF ENVIRONMENTAL PROTECTION (V97250707)	Section 8
EPA INDIRECT COSTS SUMMARY	Section 9
EPA INDIRECT COSTS	Section 10

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Narrative Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

1. The United States Environmental Protection Agency has incurred at least \$10,003.60 for Regional Payroll Costs.
2. The United States Environmental Protection Agency has incurred costs of at least \$360.36 for OTHER EXPENDITURES (OTH) contract expenditures. The total represents the amount spent under the ENSOFTEK contract.
3. The United States Environmental Protection Agency has incurred costs of at least \$67,991.86 for OTHER EXPENDITURES (OTH) contract expenditures. The total represents the amount spent under the SYSTEMS RESEARCH & APPLICATIONS CORP contract.
4. The United States Environmental Protection Agency has incurred costs of at least \$31,100.89 for OTHER EXPENDITURES (OTH) contract expenditures. The total represents the amount spent under the SKEO SOLUTIONS, INC. contract.
5. The United States Environmental Protection Agency has incurred costs of at least \$12,420.00 for OTHER EXPENDITURES (OTH) contract expenditures. The total represents the amount spent under the SKEO SOLUTIONS, INC. contract.
6. The United States Environmental Protection Agency has incurred costs of at least \$238,333.00 for STATE COOPERATIVE AGREEMENT (SCA) contract expenditures. The total represents the amount spent under the NEW JERSEY DEPT. OF ENVIRONMENTAL PROTECTION contract.
7. The United States Environmental Protection Agency has incurred at least \$138,212.47 for Indirect Costs.

Total Site Costs:

\$498,422.18

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Itemized Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

REGIONAL PAYROLL COSTS	\$10,003.60
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OTHER EXPENDITURES (OTH)

ENSOFTTEK (EPS21101)	\$360.36
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SYSTEMS RESEARCH & APPLICATIONS CORP (EPW09011)	\$67,991.86
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SKEO SOLUTIONS, INC. (EPW13015)	\$31,100.89
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SKEO SOLUTIONS, INC. (GSF0309N)	\$12,420.00
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STATE COOPERATIVE AGREEMENT (SCA)

NEW JERSEY DEPT. OF ENVIRONMENTAL PROTECTION (V97250707)	\$238,333.00
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EPA INDIRECT COSTS	\$138,212.47
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Total Site Costs:	<u>\$498,422.18</u>
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Regional Payroll Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
BENROUBI, ALBERT	2013	26	8.00	473.32
STAFF ACCOUNTANT	2014	04	3.00	177.49
		14	4.00	239.21
		15	2.00	119.61
			<u>17.00</u>	<u>\$1,009.63</u>
BUTLER, ELIZABETH	2013	24	0.50	35.86
ENVIRONMENTAL ENGINEER		25	3.00	214.54
		26	7.00	501.85
		27	1.50	107.28
	2014	03	6.50	466.01
		04	1.50	107.54
		09	4.00	289.63
		22	2.00	138.40
			<u>26.00</u>	<u>\$1,861.11</u>
ESCOBAR, ELBA	2014	03	52.50	2,294.31
ACCOUNTING TECHNICIAN		04	15.00	655.52
		13	7.50	331.45
		14	9.00	397.76
		15	3.00	132.59
			<u>87.00</u>	<u>\$3,811.63</u>
HICK, PATRICIA	2013	24	1.00	97.04
GENERAL ATTORNEY		25	0.50	48.97
		26	2.00	195.44
		27	0.75	72.97
	2014	02	2.75	257.35
		03	3.50	327.54
		04	2.00	187.16
		05	1.25	116.98
		06	0.50	46.79
		07	2.50	244.93
		12	1.00	99.08
		13	0.25	24.78
		14	2.00	198.17

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Regional Payroll Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
HICK, PATRICIA	2014	15	0.50	49.56
		16	3.00	297.26
		18	1.50	148.64
		19	0.50	50.47
		20	3.00	297.26
		21	2.50	247.72
		22	0.50	49.56
			<u>31.50</u>	<u>\$3,057.67</u>
YU, MEI	2013	27	0.50	32.95
Systems Accountant	2014	03	1.50	98.83
		04	2.00	131.78
			<u>4.00</u>	<u>\$263.56</u>
Total Regional Payroll Costs			<u>165.50</u>	<u>\$10,003.60</u>

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER EXPENDITURES (OTH)

Contractor Name: ENSOFTEK

EPA Contract Number: EPS21101

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	3	11/06/2013	07/05/2014

Project Officer(s): KEATING, ROBERT

Dates of Service: From: 11/06/2013 To: 07/05/2014

Summary of Service: RECORDS MANAGEMENT, DOCUMENT CONTROL

Total Costs: \$360.36

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>
26	12/18/2013	102,438.27	AVC140067 01/08/2014	14.23
31	05/08/2014	94,284.37	AVC140164 05/22/2014	28.45
33	07/14/2014	110,695.38	AVC140211 07/25/2014	317.68
Total:				<u><u>\$360.36</u></u>

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER EXPENDITURES (OTH)

Contractor Name: SYSTEMS RESEARCH & APPLICATIONS CORP

EPA Contract Number: EPW09011

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	111	07/01/2013	06/30/2014

Project Officer(s): DALTON, DEBORAH
MCGOWAN, MICHAEL

Dates of Service: From: 07/01/2013 To: 06/30/2014

Summary of Service:

Total Costs: \$67,991.86

Voucher Number	Voucher Date	Voucher Amount	Treasury Schedule		Site Amount
			Number	and Date	
23	09/16/2013	2,353.36	AVC130280	09/30/2013	2,353.36
24	10/11/2013	4,362.48	AVC140018	10/31/2013	4,362.48
25	11/14/2013	7,756.82	AVC140045	12/05/2013	7,756.82
26	12/13/2013	2,610.60	AVC140068	01/09/2014	2,610.60
27	01/15/2014	7,440.28	AVC140081	01/29/2014	7,440.28
28	02/17/2014	7,795.91	AVC140107	03/07/2014	7,795.91
29	03/12/2014	7,264.68	AVC140121	03/26/2014	7,264.68
30	04/15/2014	2,080.67	AVC140145	04/29/2014	2,080.67
31	05/07/2014	8,787.39	AVC140164	05/22/2014	8,787.39
32	06/13/2014	8,022.79	AVC140198	07/09/2014	8,022.79
33	07/15/2014	9,516.88	AVC140243	08/05/2014	9,516.88
Total:					<u>\$67,991.86</u>

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER EXPENDITURES (OTH)

Contractor Name: SKEO SOLUTIONS, INC.

EPA Contract Number: EPW13015

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	1	09/01/2013	06/21/2014

Project Officer(s): MARGAND, FREYA

Dates of Service: From: 09/01/2013 To: 06/21/2014

Summary of Service:

Total Costs: \$31,100.89

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>
BY1-TO1-003	10/21/2013	60,597.72	AVC140028 11/13/2013	537.42
BY1-TO1-005	12/16/2013	53,083.93	AVC140068 01/09/2014	5,327.90
BY1-TO1-006	01/15/2014	54,317.77	AVC140086 02/05/2014	2,378.28
BY1-TO1-007	02/12/2014	55,242.91	AVC140106 03/06/2014	3,539.17
BY1-TO1-008	03/13/2014	46,327.66	AVC140128 04/04/2014	42.57
BY1-TO1-009	04/15/2014	53,390.76	AVC140150 05/06/2014	1,981.65
BY1-TO1-010	05/15/2014	58,942.52	AVC140174 06/04/2014	3,980.97
BY1-TO1-011	06/13/2014	40,168.02	AVC140196 07/07/2014	7,564.70
BY1-TO1-012	07/10/2014	52,412.22	AVC140212 07/28/2014	5,748.23
Total:				<u>\$31,100.89</u>

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER EXPENDITURES (OTH)

Contractor Name: SKEO SOLUTIONS, INC.

EPA Contract Number: GSF0309N

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	87	01/23/2013	06/22/2013

Project Officer(s): MARGAND, FREYA

Dates of Service: From: 01/23/2013 To: 06/22/2013

Summary of Service:

Total Costs: \$12,420.00

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>
BRIDGE-001	03/08/2013	35,606.37	AVC130151 04/05/2013	1,212.50
BRIDGE-002	04/11/2013	87,420.45	AVC130171 05/03/2013	8,870.00
BRIDGE-003	05/09/2013	105,414.63	AVC130191 06/03/2013	3,152.50
BRIDGE-004	06/12/2013	56,973.25	AVC130209 06/25/2013	655.00
BRIDGE-005	07/17/2013	39,849.40	AVC130247 08/15/2013	-1,470.00
Total:				<u>\$12,420.00</u>

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

STATE COOPERATIVE AGREEMENT (SCA)

State Agency: NEW JERSEY DEPT. OF ENVIRONMENTAL PROTECTION

SCA Number: V97250707

Project Officer(s): Carole Petersen

Dates of Service: From: 10/01/2007 To: 09/30/2015

Summary of Service:

Total Costs: \$238,333.00

<u>Drawdown Number</u>	<u>Drawdown Date</u>	<u>Drawdown Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>
216000928A	12/17/2013	684,406.00	43513455702 12/17/2013	238,333.00
Total:				<u><u>\$238,333.00</u></u>

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

<u>Fiscal Year</u>	<u>Direct Costs</u>	<u>Indirect Rate(%)</u>	<u>Indirect Costs</u>
2013	16,553.58	38.37%	6,351.59
2014	343,656.13	38.37%	131,860.88
	<u>360,209.71</u>		
Total EPA Indirect Costs			<u>\$138,212.47</u>

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
BENROUBI, ALBERT	2013	26	473.32	38.37%	181.61
			473.32		\$181.61
BUTLER, ELIZABETH	2013	24	35.86	38.37%	13.76
		25	214.54	38.37%	82.32
		26	501.85	38.37%	192.56
		27	107.28	38.37%	41.16
			859.53		\$329.80
HICK, PATRICIA	2013	24	97.04	38.37%	37.23
		25	48.97	38.37%	18.79
		26	195.44	38.37%	74.99
		27	72.97	38.37%	28.00
			414.42		\$159.01
YU, MEI	2013	27	32.95	38.37%	12.64
			32.95		\$12.64
Total Fiscal Year 2013 Payroll Direct Costs:			1,780.22		\$683.06

OTHER DIRECT COSTS

<u>Contract, IAG, SCA, Misc.NO</u>	<u>Voucher Number</u>	<u>Treasury Schedule Date</u>	<u>Site Amount</u>	<u>Annual/SMO Allocation Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
EPW09011	23	09/30/2013	2,353.36	0.00	38.37%	902.98
			2,353.36	0.00		\$902.98
GSF0309N	BRIDGE-001	04/05/2013	1,212.50	0.00	38.37%	465.24

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
GSF0309N	BRIDGE-002	05/03/2013	8,870.00	0.00	38.37%	3,403.42
	BRIDGE-003	06/03/2013	3,152.50	0.00	38.37%	1,209.61
	BRIDGE-004	06/25/2013	655.00	0.00	38.37%	251.32
	BRIDGE-005	08/15/2013	-1,470.00	0.00	38.37%	-564.04
			12,420.00	0.00		\$4,765.55
Total Fiscal Year 2013 Other Direct Costs:			14,773.36	0.00		\$5,668.53
Total Fiscal Year 2013:			16,553.58			\$6,351.59

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BENROUBI, ALBERT	2014	04	177.49	38.37%	68.10
		14	239.21	38.37%	91.78
		15	119.61	38.37%	45.89
			536.31		\$205.77
BUTLER, ELIZABETH	2014	03	466.01	38.37%	178.81
		04	107.54	38.37%	41.26
		09	289.63	38.37%	111.13
		22	138.40	38.37%	53.10
			1,001.58		\$384.30
ESCOBAR, ELBA	2014	03	2,294.31	38.37%	880.33
		04	655.52	38.37%	251.52
		13	331.45	38.37%	127.18
		14	397.76	38.37%	152.62

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
ESCOBAR, ELBA	2014	15	132.59	38.37%	50.87
			3,811.63		\$1,462.52
HICK, PATRICIA	2014	02	257.35	38.37%	98.75
		03	327.54	38.37%	125.68
		04	187.16	38.37%	71.81
		05	116.98	38.37%	44.89
		06	46.79	38.37%	17.95
		07	244.93	38.37%	93.98
		12	99.08	38.37%	38.02
		13	24.78	38.37%	9.51
		14	198.17	38.37%	76.04
		15	49.56	38.37%	19.02
		16	297.26	38.37%	114.06
		18	148.64	38.37%	57.03
		19	50.47	38.37%	19.37
		20	297.26	38.37%	114.06
		21	247.72	38.37%	95.05
		22	49.56	38.37%	19.02
			2,643.25		\$1,014.24
YU, MEI	2014	03	98.83	38.37%	37.92
		04	131.78	38.37%	50.56
			230.61		\$88.48
Total Fiscal Year 2014 Payroll Direct Costs:			8,223.38		\$3,155.31

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPS21101	26	01/08/2014	14.23	0.00	38.37%	5.46
	31	05/22/2014	28.45	0.00	38.37%	10.92
	33	07/25/2014	317.68	0.00	38.37%	121.89
			360.36	0.00		\$138.27
EPW09011	24	10/31/2013	4,362.48	0.00	38.37%	1,673.88
	25	12/05/2013	7,756.82	0.00	38.37%	2,976.29
	26	01/09/2014	2,610.60	0.00	38.37%	1,001.69
	27	01/29/2014	7,440.28	0.00	38.37%	2,854.84
	28	03/07/2014	7,795.91	0.00	38.37%	2,991.29
	29	03/26/2014	7,264.68	0.00	38.37%	2,787.46
	30	04/29/2014	2,080.67	0.00	38.37%	798.35
	31	05/22/2014	79.38	0.00	38.37%	30.46
			7,857.40	0.00	38.37%	3,014.88
			850.61	0.00	38.37%	326.38
	32	07/09/2014	8,022.79	0.00	38.37%	3,078.34
	33	08/05/2014	485.71	0.00	38.37%	186.37
			9,031.17	0.00	38.37%	3,465.26
			65,638.50	0.00		\$25,185.49
EPW13015	BY1-TO1-003	11/13/2013	537.42	0.00	38.37%	206.21
	BY1-TO1-005	01/09/2014	5,327.90	0.00	38.37%	2,044.32
	BY1-TO1-006	02/05/2014	2,378.28	0.00	38.37%	912.55
	BY1-TO1-007	03/06/2014	3,539.17	0.00	38.37%	1,357.98
	BY1-TO1-008	04/04/2014	42.57	0.00	38.37%	16.33
	BY1-TO1-009	05/06/2014	1,981.65	0.00	38.37%	760.36
	BY1-TO1-010	06/04/2014	3,980.97	0.00	38.37%	1,527.50
	BY1-TO1-011	07/07/2014	7,564.70	0.00	38.37%	2,902.58
	BY1-TO1-012	07/28/2014	5,748.23	0.00	38.37%	2,205.60
			31,100.89	0.00		\$11,933.43

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
V97250707	216000928A	12/17/2013	20,151.00	0.00	38.37%	7,731.94
			23,083.00	0.00	38.37%	8,856.95
			127,481.00	0.00	38.37%	48,914.46
			61,980.00	0.00	38.37%	23,781.73
			2,819.00	0.00	38.37%	1,081.65
			2,819.00	0.00	38.37%	1,081.65
			<u>238,333.00</u>	<u>0.00</u>		<u>\$91,448.38</u>
Total Fiscal Year 2014 Other Direct Costs:			<u>335,432.75</u>	<u>0.00</u>		<u>\$128,705.57</u>
Total Fiscal Year 2014:			<u>343,656.13</u>			<u>\$131,860.88</u>
Total EPA Indirect Costs						<u>\$138,212.47</u>

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Table of Contents

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 02

CSO-SWO 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

NARRATIVE COST SUMMARY Section 1

ITEMIZED COST SUMMARY Section 2

REGIONAL PAYROLL COSTS Section 3

EPA INDIRECT COSTS SUMMARY Section 4

EPA INDIRECT COSTS Section 5

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Narrative Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 02

CSO-SWO 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

1. The United States Environmental Protection Agency has incurred at least \$2,348.81 for Regional Payroll Costs.
2. The United States Environmental Protection Agency has incurred at least \$901.25 for Indirect Costs.

Total Site Costs:

\$3,250.06

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Itemized Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 02

CSO-SWO 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

REGIONAL PAYROLL COSTS	\$2,348.81
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EPA INDIRECT COSTS	\$901.25
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Total Site Costs:	<u>\$3,250.06</u>
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Regional Payroll Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 02

CSO-SWO 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
FLANAGAN, SARAH	2013	27	0.50	44.79
			0.50	\$44.79
HICK, PATRICIA	2013	24	1.00	97.03
		25	1.25	122.45
		26	1.00	97.73
		27	0.25	24.34
	2014	09	0.50	49.56
		10	0.25	24.78
		12	1.50	148.64
		14	0.25	24.78
		17	1.75	173.40
			7.75	\$762.71
SY, WILLIAM L.	2013	24	8.00	522.33
			8.00	\$522.33
TIROL, NESTORIO	2013	26	1.00	74.85
	2014	04	0.50	37.45
		07	2.00	149.75
		09	0.50	37.87
			4.00	\$299.92
YEH, ALICE	2013	24	2.00	143.39
		26	1.00	71.69
		27	2.00	143.39
	2014	12	2.00	144.80
		18	3.00	215.79
			10.00	\$719.06
Total Regional Payroll Costs			30.25	\$2,348.81

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 02

CSO-SWO 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

<u>Fiscal Year</u>	<u>Direct Costs</u>	<u>Indirect Rate(%)</u>	<u>Indirect Costs</u>
2013	1,341.99	38.37%	514.93
2014	1,006.82	38.37%	386.32
	<u>2,348.81</u>		
Total EPA Indirect Costs			<u>\$901.25</u>

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 02

CSO-SWO 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
FLANAGAN, SARAH	2013	27	44.79	38.37%	17.19
			44.79		\$17.19
HICK, PATRICIA	2013	24	97.03	38.37%	37.23
		25	122.45	38.37%	46.98
		26	97.73	38.37%	37.50
		27	24.34	38.37%	9.34
			341.55		\$131.05
SY, WILLIAM L.	2013	24	522.33	38.37%	200.42
			522.33		\$200.42
TIROL, NESTORIO	2013	26	74.85	38.37%	28.72
			74.85		\$28.72
YEH, ALICE	2013	24	143.39	38.37%	55.02
		26	71.69	38.37%	27.51
		27	143.39	38.37%	55.02
			358.47		\$137.55
Total Fiscal Year 2013 Payroll Direct Costs:			1,341.99		\$514.93
Total Fiscal Year 2013:			1,341.99		\$514.93

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 02

CSO-SWO 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
HICK, PATRICIA	2014	09	49.56	38.37%	19.02
		10	24.78	38.37%	9.51
		12	148.64	38.37%	57.03
		14	24.78	38.37%	9.51
		17	173.40	38.37%	66.53
			421.16		\$161.60
TIROL, NESTORIO	2014	04	37.45	38.37%	14.37
		07	149.75	38.37%	57.46
		09	37.87	38.37%	14.53
			225.07		\$86.36
YEH, ALICE	2014	12	144.80	38.37%	55.56
		18	215.79	38.37%	82.80
			360.59		\$138.36
Total Fiscal Year 2014 Payroll Direct Costs:			1,006.82		\$386.32
Total Fiscal Year 2014:			1,006.82		\$386.32
Total EPA Indirect Costs					\$901.25

CDM - Contract W912DQ-11-D-3004 - Task Order 0005
WO 6 CSO/SWO Sampling Oversight - Summary of Costs - WAD 2/WO 6
Updated: 12/24/2014/revised format 9 March 2015

[illegible]

WAD	WORK ORDER	WORK ELEMENT	REFERENCE EPA BILL NUMBER	DESCRIPTION	AUTH TOTAL	COST THIS PERIOD
2	6	1	27067102	2.6.1 Planning Documents Review	\$ 66,132	\$ -
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 19,050	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ -
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 98,171	\$ -
2	6	5		2.6.5 Split Sample Comparison Report	\$ -	\$ -
From Invoice No. 23 for period 26 Jan - 29 Mar 14						
2	6	1	27067948	2.6.1 Planning Documents Review	\$ 66,132	\$ -
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 19,050	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ 218
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 118,171	\$ 73
2	6	5		2.6.5 Split Sample Comparison Report	\$ 10,794	\$ -

**Total CDM Cost for
CSO_SWO for EPA Bills
#27063955 to 27087948**

\$ 11,421

EPA Bill Number	Dates of EPA Bill	Corps Labor
27063955	1 Jul - 1 Aug 13	\$ 264
27064343	1 Aug - 3 Sep 13	\$ 132
27064779	3 Sep - 2 Oct 13	\$ 130
27065206	2 Oct - 1 Nov 13	\$ 66
27065517	1 Nov - 2 Dec 13	\$ 528
27065887	2 Dec 13 - 2 Jan 14	\$ 66
27066300	2 Jan - 3 Feb 14	\$ 66
27066728	3 Feb - 5 Mar 14	\$ 33
27067102	5 Mar - 1 Apr 14	\$ -
27067497	1 Apr - 1 May 14	\$ -
27067948	1 May - 2 Jun 14	\$ 33
Total Corps Cost for CSO_SWO for EPA Bills #27063955 to 27087948		
		\$ 1,318

No invoice paid

No invoice paid

**Total CDM & Corps Cost
for CSO_SWO for EPA
Bills #27063955 to
27087948**

\$ 12,739

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 03

17 MILE 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

INTERAGENCY AGREEMENT (IAG)

Federal Agency: ARMY CORPS OF ENGINEERS

IAG Number: DW96942125

Project Officer(s):

Dates of Service: From: 05/01/2013 To: 06/02/2014

Summary of Service:

Total Costs: \$1,800,936.68

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>
27063955	09/18/2013	102,698.40	AVC140010 10/22/2013	102,698.40
27064343	10/31/2013	6,271.76	AVC140031 11/15/2013	6,271.76
27064779	12/05/2013	343,432.84	AVC140056 12/20/2013	343,432.84
27065206	12/10/2013	153,997.08	AVC140056 12/20/2013	153,997.08
27065517	01/06/2014	122,556.98	AVC140074 01/17/2014	122,556.98
27065887	03/14/2014	139,463.18	AVC140122 03/27/2014	139,463.18
27066300	03/19/2014	216,039.15	AVC140122 03/27/2014	216,039.15
27066728	03/25/2014	112,169.77	AVC140127 04/03/2014	112,169.77
27067102	06/16/2014	186,306.85	AVC140187 06/23/2014	186,306.85
27067497	06/19/2014	6,542.77	AVC140190 06/26/2014	6,542.77
27067948	07/10/2014	411,457.90	AVC140231 07/31/2014	411,457.90
Total:				<u>\$1,800,936.68</u>

